

Serial No.: Not Yet Assigned

-2- Attorney Docket No: I0254/7007(ERP)

✓ On page 60, line 12, between the sequence "HSLGKWLGH~~P~~D~~K~~FAAAAAA-εKbP" and the word "where", please insert --(SEQ. ID NO. 3-εKbP)--.

✓ On page 60, line 12, between the sequence "HSLGKWLGH~~P~~D~~K~~F" and the word "was", please insert --(SEQ. ID NO. 2)--.

✓ On page 60, line 13, after the sequence "AAAAAA", please insert --(SEQ. ID NO. 1)--.

✓ On page 60, line 16, after the sequence "HSLGKWLGH~~P~~D~~K~~FAAAAAA", please insert --(SEQ. ID NO. 3)--.

✓ On page 60, line 20, after the sequence "AAAAA FKDPHGLWKGLSH", please insert --(SEQ. ID NO. 4)--.

✓ On page 60, line 24, after the sequence "HSLGKWLGH~~P~~D~~K~~FAAAAAA", please insert --(SEQ. ID NO. 5)--.

Between pages 109 and 110, please insert the Sequence Listing submitted herewith.

### In the Claims

Please cancel claims 2-16, 18-34, 36-38, 40-48, 50, 53-55.

Please add new claims 57 through 70 as follows:

--57. (NEW) A composition comprising:

a library of synthetic compounds of formula I:

(I)  $P^1R^1$ ,

wherein  $P^1$  is a library molecule which mimics the substrate binding site of a protease; and

wherein  $R^1$  is a reactive group which forms a complex with a functional group in the active site of a protease.

58. (NEW) The composition of claim 57, wherein the library is a phage display library.

59. (NEW) The composition of claim 57, wherein the library is a chemical combinatorial library.

60. (NEW) The composition of claim 57, wherein the protease is a cysteine protease.